

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	34488	"385"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/20 13:35
S2	489	S1 and ase	US-PGPUB; USPAT	OR	ON	2005/04/20 13:55
S3	1	S2 and (vakhshoori-daryoosh-\$.in. knopp-kevin-j.in. peidongwang-carlisle-\$.in. azimi-masud-\$.in.)	US-PGPUB; USPAT	OR	ON	2005/04/20 13:37
S4	3	(vakhshoori-daryoosh-\$.in. knopp-kevin-j.in. peidongwang-carlisle-\$.in. azimi-masud-\$.in.) and ase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 13:37
S5	364	S2 and (amplif\$4 with spontaneous with emission)	US-PGPUB; USPAT	OR	ON	2005/04/20 14:33
S6	74	S2 and ((amplif\$4 with spontaneous with emission) with source)	US-PGPUB; USPAT	OR	ON	2005/04/20 13:57
S7	4	S6 and (waveguide with serial)	US-PGPUB; USPAT	OR	ON	2005/04/20 14:32
S8	47	S6 and (waveguide\$2)	US-PGPUB; USPAT	OR	ON	2005/04/20 14:32
S9	232	S5 and waveguide\$2	US-PGPUB; USPAT	OR	ON	2005/04/20 14:34
S10	65	S9 and (385/129.ccls. 385/122. ccls. 385/123.ccls. 385/127.ccls.)	US-PGPUB; USPAT	OR	ON	2005/04/20 14:48
S11	60	S10 and laser	US-PGPUB; USPAT	OR	ON	2005/04/20 14:47
S12	5	S10 and (100\$2nm 200\$2nm)	US-PGPUB; USPAT	OR	ON	2005/04/20 14:35
S13	6	S10 and (waveguide\$2 with angle)	US-PGPUB; USPAT	OR	ON	2005/04/20 14:39
S14	1	S10 and (quantum\$2well)	US-PGPUB; USPAT	OR	ON	2005/04/20 14:48
S15	53	S9 and (quantum\$5)	US-PGPUB; USPAT	OR	ON	2005/04/20 14:49
S16	51	S15 and laser\$2	US-PGPUB; USPAT	OR	ON	2005/04/20 14:49
S17	12	S15 and (plurality with waveguide\$2)	US-PGPUB; USPAT	OR	ON	2005/04/20 19:51
S18	5	"800206".ap.	US-PGPUB; USPAT	OR	ON	2005/04/25 15:16
S19	3	(seeded with power with optical with amplifier)	US-PGPUB; USPAT	OR	ON	2005/04/20 19:58

S20	57	spoa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 19:58
S21	7	S20 and ase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 20:00
S22	119067	ase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 20:00
S23	38	S22 and (seeded with amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 20:01
S24	10	S23 and wave\$2guide\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 20:13
S25	14	(fabry\$2perot with interference) and quantum\$4 and ase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 20:15
S26	12	S25 and wave\$2guide\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 20:24
S27	18	"6008675".pn. "0639876" "6141477".pn. "6174748".pn. "328332".pn. "6111674".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 21:09
S28	1	S27 and ase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 20:26
S29	4	S27 and quantum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 20:33

S30	1	S27 and ase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 20:35
S31	1	"5644424".pn.	US-PGPUB; USPAT	OR	ON	2005/04/20 20:41
S32	6	"146219".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:04
S33	102	soa and grating and bandgap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:19
S34	50	S33 and angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:19
S35	17	S34 and ase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:31
S36	4	S35 and (bandgap with (vary varies))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:35
S37	8	S35 and (ase with wavelength)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:40
S38	0	S35 and (ase with wavelength with range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:35
S39	6	S37 and (wavelength with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:44

S40	0	S37 and (wavelength with width with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:37
S41	0	S35 and (ase with wavelength with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:40
S42	0	S35 and (ase with wavelength with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:40
S43	5	"385574".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 14:52
S44	0	S43 and (wavelength with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:46
S45	0	S43 and (wavelength with ase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:46
S46	1	S43 and (wavelength)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:51
S47	1	S43 and (wavelength with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/20 22:51
S48	0	soa and seed\$3 and (serial\$4multiplex\$4)	US-PGPUB; USPAT	OR	ON	2005/04/21 10:54
S49	0	soa and seed\$3 and (serial\$4multiplex\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 10:54

S50	0	soa and (serial\$4multiplex\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 10:55
S51	9	ahura	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 10:56
S52	1	S51 and soa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 10:55
S53	237	soa and (waveguide with (plurality segments))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 10:57
S54	25	S53 and (spectral with bandwidth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:07
S55	1	S53 and ((spectral\$3slic\$2 (spectral with slic\$2)) with wavelength with division)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:00
S56	1	S53 and ((spectral\$3slic\$2 (spectral with slic\$2)) with wavelength)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:00
S57	3088	(ase with source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:24
S58	98	S57 and (wave\$2guide\$2 with (subsection\$2 plurality segment\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:09
S59	57	S58 and (wavelength with gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:09

S60	19	S59 and quantum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:09
S61	19	S59 and (quantum quantum\$2well)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:11
S62	1	S61 and (bandgap with (varying vary varies))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:24
S63	4	S61 and bandgap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:11
S64	1188	ase and soa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:37
S65	4	S64 and (bandgap with (varying vary varies))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:31
S66	4	S65 and tap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:31
S67	4	S66 and (soa with pd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:31
S68	11	S64 and bandgap and (\$3soa with pd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:55
S69	5	"800206".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:58

S70	0	S68 and (low\$4power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:58
S71	0	S68 and (("100" "200") with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:59
S72	28	S53 and (("100" "200") with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 11:59
S73	1	S72 and ase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:07
S74	6	(waveguide with angle) and ase and tap and (phododiode pd monitor) and (isolator feedback) and filter and soa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:25
S75	0	S74 and (ase with monito\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:11
S76	6	S74 and (soa with monit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:24
S77	2	S74 and (gain with soa with monit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:12
S78	6	(waveguide with angle\$2) and ase and tap and (phododiode pd monitor) and (isolator feedback) and filter and soa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:25
S79	19	soa and ase and fwhm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:27

S80	1578	S66 (fwhm with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:26
S81	0	S66 and (fwhm with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:26
S82	0	soa and ase and (low\$3power) with (extend\$3 with spectral with bandwidth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:28
S83	0	soa and (low\$3power) with (extend\$3 with spectral with bandwidth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:28
S84	0	soa and (low\$3power) with (extend\$3 with bandwidth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:28
S85	0	soa and (low\$3power) and (extend\$3 with bandwidth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:28
S86	42	soa and (low\$3power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:28
S87	108	soa and (low\$3power) "l42" and bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:31
S88	16	S86 and bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:29
S89	3	S86 and (bandwidth with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:30



S90	0	soa and (low\$3power with bandwidth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:32
S91	0	soa and (low\$3power with extend\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:32
S92	98	soa and ((low\$3power (low\$3 with power)) with extend\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:33
S93	3	soa and ((low\$3power (low\$3 with power)) with extend\$3 with (bandwidth wavelength))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 12:43
S94	8	"267300".ap. "267304".ap.	US-PGPUB; USPAT	OR	ON	2005/04/21 13:03
S95	9	"267330".ap. "267304".ap.	US-PGPUB; USPAT	OR	ON	2005/04/21 13:04
S96	4	"267300".ap.	US-PGPUB; USPAT	OR	ON	2005/04/21 13:07
S97	3	jung-dae-kwang.in. and park-tae-sung.in.	US-PGPUB; USPAT	OR	ON	2005/04/21 13:07
S98	11	jung-dae-kwang.in. and park-tae-sung.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 13:08
S99	22	(US-20030072344-\$ or US-20030095737-\$ or US-20030223672-\$ or US-20040033004-\$ or US-20040067006-\$ or US-20050013331-\$ or US-20050018720-\$ or US-20050018721-\$ or US-20030095736-\$).did. or (US-5754714-\$ or US-6008675-\$ or US-6043929-\$ or US-6111674-\$ or US-6141477-\$ or US-6174748-\$ or US-6256328-\$ or US-6324326-\$ or US-6330378-\$ or US-6614819-\$ or US-6807215-\$ or US-6819845-\$ or US-6801686-\$).did.	US-PGPUB; USPAT	OR	ON	2005/04/21 13:34
S10 0	0	S99 and (eliminate\$2 with feedback)	US-PGPUB; USPAT	OR	ON	2005/04/21 13:34

S10 1	15	S99 and (feedback)	US-PGPUB; USPAT	OR	ON	2005/04/21 13:35
S10 2	4	S99 and (isolator)	US-PGPUB; USPAT	OR	ON	2005/04/21 13:42
S10 3	15	S99 and (feedback)	US-PGPUB; USPAT	OR	ON	2005/04/21 13:43
S10 4	2	S99 and (bandgap with (vary varies varing))	US-PGPUB; USPAT	OR	ON	2005/04/21 13:45
S10 5	17	S99 and (bandwidth (wavelength with width))	US-PGPUB; USPAT	OR	ON	2005/04/21 13:45
S10 6	5	S99 and ((bandwidth (wavelength with width)) with nm)	US-PGPUB; USPAT	OR	ON	2005/04/21 14:04
S10 7	0	S99 and (((bandwidth (wavelength with width)) with nm) same ase)	US-PGPUB; USPAT	OR	ON	2005/04/21 13:46
S10 8	0	S99 and ((bandwidth (wavelength with width)) with nm with ("100" "200"))	US-PGPUB; USPAT	OR	ON	2005/04/21 13:46
S10 9	6	S99 and (gain with profile)	US-PGPUB; USPAT	OR	ON	2005/04/21 14:41
S11 0	1	S109 and discrete	US-PGPUB; USPAT	OR	ON	2005/04/21 14:05
S11 1	647	soa and ((low\$3 with power) (low\$4power))	US-PGPUB; USPAT	OR	ON	2005/04/21 14:59
S11 2	289	S111 and (fwhm bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/21 14:58
S11 3	82	S112 and ase	US-PGPUB; USPAT	OR	ON	2005/04/21 14:43
S11 4	0	S112 and (bandgap with profile)	US-PGPUB; USPAT	OR	ON	2005/04/21 14:44
S11 5	82	S112 and ase	US-PGPUB; USPAT	OR	ON	2005/04/21 14:44
S11 6	74	S115 and (gain seed\$3)	US-PGPUB; USPAT	OR	ON	2005/04/21 14:45
S11 7	42	S116 and quantum	US-PGPUB; USPAT	OR	ON	2005/04/21 14:46
S11 8	21	S117 and bandgap	US-PGPUB; USPAT	OR	ON	2005/04/21 14:46
S11 9	7	S99 and S118	US-PGPUB; USPAT	OR	ON	2005/04/21 14:51
S12 0	0	S117 and (exten\$5 with spectral with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/21 14:51
S12 1	0	S99 and (exten\$5 with spectral with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/21 14:51
S12 2	3	S99 and (spectral with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/21 14:52

S12 3	2	S122 and (low\$4power (low\$3 with power))	US-PGPUB; USPAT	OR	ON	2005/04/21 14:52
S12 4	1307	soa and ((low\$3 with power) (low\$4power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:34
S12 5	13	S124 and (ase with (bandwidth (wavelength with range)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:07
S12 6	3	S125 and ((spectral with bandwidth) fwhm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:18
S12 7	0	S125 and fwhm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:18
S12 8	2	S125 and ((spectral with bandwidth) with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:19
S12 9	91	S124 and (("100" "200") with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:20
S13 0	2	S124 and (((("100" "200") with nm) same ase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:29
S13 1	0	S124 and (("200" with nm) same ase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:30
S13 2	13306	soa and d(ase with ((wavelength with range) bandwidth))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:31

S13 3	22	soa and (ase with ((wavelength with range) bandwidth))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:32
S13 4	2	soa and (ase with ((wavelength with range) bandwidth) with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 15:32
S13 5	13	S124 and (ase with ((wavelength with range) bandwidth))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:33
S13 6	9	S99 and tap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:36
S13 7	1	S136 and isolator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:33
S13 8	4	S99 and isolator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:37
S13 9	0	S99 and (eliminate with feedback)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:38
S14 0	15	S99 and (feedback)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:40
S14 1	0	S99 and (quantum with discrete with (varied varies vary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:41
S14 2	1	S99 and (quantum with discrete)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:42

S14 3	11	S99 and (discrete)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:52
S14 4	1	S99 and (discrete with gain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:43
S14 6	5	S99 and ((discrete\$3 continuous\$3) with (bandgap gain))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 16:57
S14 7	4	S99 and nine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 17:28
S14 8	2	"6660990".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 17:36
S14 9	0	S99 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 17:36
S15 0	2	S99 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 17:38
S15 1	2	S99 and (S55 S56 S57 S58 S59 S60)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 17:39
S15 2	1	S99 and ("7" with degree)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 17:38
S15 3	5	S99 and (("8" "9" "10" "11" "12" "13") with degree)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 17:41

S15 4	3	S99 and ("8.degree" "9.degree" "10.degree" "11.degree" "12. degree" "13.degree")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/21 17:41
S15 5	27	(US-20030072344-\$ or US-20030095737-\$ or US-20030223672-\$ or US-20040033004-\$ or US-20040067006-\$ or US-20050013331-\$ or US-20050018720-\$ or US-20050018721-\$ or US-20030095736-\$ or US-20030007207-\$ or US-20020191904-\$ or US-20020067540-\$).did. or (US-5754714-\$ or US-6008675-\$ or US-6043929-\$ or US-6111674-\$ or US-6141477-\$ or US-6174748-\$ or US-6256328-\$ or US-6324326-\$ or US-6330378-\$ or US-6614819-\$ or US-6807215-\$ or US-6819845-\$ or US-6801686-\$ or US-6660990-\$ or US-6842587-\$).did.	US-PGPUB; USPAT	OR	ON	2005/04/21 20:35
S15 6	8	S155 and gc\$2soa	US-PGPUB; USPAT	OR	ON	2005/04/21 21:00
S15 7	2	S156 and (bandgap with (vary varies varying))	US-PGPUB; USPAT	OR	ON	2005/04/21 20:55
S15 8	7	S156 and cw	US-PGPUB; USPAT	OR	ON	2005/04/21 20:56
S15 9	0	S156 and dw	US-PGPUB; USPAT	OR	ON	2005/04/21 20:56
S16 0	7	S156 and discrete	US-PGPUB; USPAT	OR	ON	2005/04/21 21:00
S16 1	0	S155 and (gc\$2soa with tap)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:01
S16 2	0	S155 and (gc\$2soa same tap)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:01
S16 3	0	S155 and (ase same tap)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:01
S16 4	0	S155 and (ase with tap)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:01
S16 5	2	S155 and (ase with coupler)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:05
S16 6	1	S155 and (ase with photodiode)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:08
S16 7	0	S155 and (ase with splitter)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:08

S16 8	1	S155 and (ase with split\$4)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:08
S16 9	0	S155 and (ase with monitor)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:08
S17 0	1	S155 and (ase with monitor\$4)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:09
S17 1	0	S155 and (ase with deedback with waveguide)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:11
S17 2	0	S155 and (ase with feedback with waveguide)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:11
S17 3	1	S155 and (ase with feedback)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:12
S17 4	0	S155 and (ase with fed\$3back)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:11
S17 5	25	soa and (ase same (monitor\$5 photodiode))	US-PGPUB; USPAT	OR	ON	2005/04/21 21:13
S17 6	7	S175 and (ase with (split\$6 tap coupl\$4))	US-PGPUB; USPAT	OR	ON	2005/04/21 21:40
S17 7	0	S175 and (ase with pulse)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:40
S17 8	15	S175 and (pulse)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:42
S17 9	7	S175 and (pulse with wave)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:40
S18 0	2	S175 and (pulse same cw)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:42
S18 1	13	S175 and (pulse with signal)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:45
S18 2	0	S175 and (8\$2degree 9\$2degree 10\$2degree 11\$2degree 12\$2degree 13\$2degree)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:46
S18 3	0	S175 and (8\$2degree\$2 9\$2degree\$2 10\$2degree\$2 11\$2degree\$2 12\$2degree\$2 13\$2degree\$2)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:47
S18 4	25	soa and ase and (8\$2degree\$2 9\$2degree\$2 10\$2degree\$2 11\$2degree\$2 12\$2degree\$2 13\$2degree\$2)	US-PGPUB; USPAT	OR	ON	2005/04/21 21:48
S18 5	1	"20030095737".did.	US-PGPUB; USPAT	OR	ON	2005/04/23 13:29
S18 6	1	"800206".ap. and (ain (aluminum with nitride))	US-PGPUB; USPAT	OR	ON	2005/04/23 13:29

S18 7	30	(US-20020067540-\$ or US-20020191904-\$ or US-20030007207-\$ or US-20030030895-\$ or US-20030053201-\$ or US-20030072344-\$ or US-20030095736-\$ or US-20030095737-\$ or US-20030099033-\$ or US-20030223672-\$ or US-20040033004-\$ or US-20040067006-\$ or US-20050013331-\$ or US-20050018720-\$ or US-20050018721-\$).did. or (US-5754714-\$ or US-6008675-\$ or US-6043929-\$ or US-6111674-\$ or US-6141477-\$ or US-6174748-\$ or US-6256328-\$ or US-6324326-\$ or US-6330378-\$ or US-6614819-\$ or US-6660990-\$ or US-6801686-\$ or US-6807215-\$ or US-6819845-\$ or US-6842587-\$).did.	US-PGPUB; USPAT	OR	ON	2005/04/23 16:05
S18 8	17	"I30" and ("1.3" with ("1.5" "1. 55"))	US-PGPUB; USPAT	OR	ON	2005/04/23 14:26
S18 9	1	"I30" and ("1.3\$3" with "1.5\$4")	US-PGPUB; USPAT	OR	ON	2005/04/23 14:26
S19 0	0	S187 and ("1.3\$3" with "1.5\$4")	US-PGPUB; USPAT	OR	ON	2005/04/23 14:26
S19 1	2	S187 and ("1.3" with ("1.5" "1. 55"))	US-PGPUB; USPAT	OR	ON	2005/04/23 14:28
S19 2	16	S187 and (tap\$4same (pd photodiode))	US-PGPUB; USPAT	OR	ON	2005/04/23 14:28
S19 3	9	S187 and (tap\$4 same (pd photodiode))	US-PGPUB; USPAT	OR	ON	2005/04/23 14:31
S19 4	0	S187 and (tap\$4 same (monitor\$4 with ase))	US-PGPUB; USPAT	OR	ON	2005/04/23 14:32
S19 5	6	S187 and (tap\$4 same (monitor\$4 with (gc\$soa soa)))	US-PGPUB; USPAT	OR	ON	2005/04/23 14:32
S19 6	23	S187 and spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 14:52
S19 7	0	S187 and (spectrum with "1.3")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 14:53



S19 8	23	S187 and (spectrum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 14:53
S19 9	20	S187 and (spectrum with wavelength)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 14:57
S20 0	11	S187 and (spectral with range)	US-PGPUB; USPAT	OR	ON	2005/04/23 15:02
S20 1	8	S187 and ("1.3")	US-PGPUB; USPAT	OR	ON	2005/04/23 15:08
S20 2	2	S187 and ("1.3" with ("1.5" "1. 55"))	US-PGPUB; USPAT	OR	ON	2005/04/23 15:11
S20 3	10	S187 and mirror	US-PGPUB; USPAT	OR	ON	2005/04/23 15:15
S20 4	7	S187 and intermixing	US-PGPUB; USPAT	OR	ON	2005/04/23 15:31
S20 5	18	S187 and (reflect\$5 and (ar anti\$2reflect\$5))	US-PGPUB; USPAT	OR	ON	2005/04/23 15:33
S20 6	13	S187 and (pulse rz nrz)	US-PGPUB; USPAT	OR	ON	2005/04/23 15:39
S20 7	5	S187 and (multi\$2mode and single\$2mode)	US-PGPUB; USPAT	OR	ON	2005/04/23 15:41
S20 8	15	S187 and (multi\$2mode)	US-PGPUB; USPAT	OR	ON	2005/04/23 15:42
S20 9	4	S187 and (multi\$2mode with soa)	US-PGPUB; USPAT	OR	ON	2005/04/23 15:42
S21 0	17	S187 and (fabry\$2perot)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:16
S21 1	5	S210 and (gain with profile)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:16
S21 2	2	S187 and (fabry\$2perot with interference)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:16
S21 3	5	S211 and fabry\$2perot	US-PGPUB; USPAT	OR	ON	2005/04/23 16:22
S21 4	17	soa and ase and ("100-200" "100-200nm" ("100" with "200"))	US-PGPUB; USPAT	OR	ON	2005/04/23 16:25
S21 5	2	soa and ase and (("100-200" with nm) "100-200nm" ("100" with "200" with nm))	US-PGPUB; USPAT	OR	ON	2005/04/23 16:27
S21 6	19	soa and ase and fwhm	US-PGPUB; USPAT	OR	ON	2005/04/23 16:30
S21 7	11	soa and ase and (fwhm with nm)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:33

S21 8	46	soa and ase and (((full with wavelength) bandwidth) with gain)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:35
S21 9	6	soa and ase and (((full with wavelength) bandwidth) with gain) same ase)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:38
S22 0	35	soa and ase and (((full with wavelength) bandwidth) same ase)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:39
S22 1	1	soa and ase and (((full with wavelength) bandwidth) with "200" with nm)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:40
S22 2	1	soa and ase and (extend\$3 with bandwidth with "200" with nm)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:41
S22 3	0	soa and ase and ( bandwidth with "200" with nm with ase)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:41
S22 4	2	soa and ase and (bandwidth with nm with ase)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:45
S22 5	0	soa and ase and (broad with (bandwidth wavelength) with nm with (ase gain))	US-PGPUB; USPAT	OR	ON	2005/04/23 16:47
S22 6	44	soa and (broad\$2 with (bandwidth wavelength) with (ase gain))	US-PGPUB; USPAT	OR	ON	2005/04/23 16:51
S22 7	2	soa and (broad\$2 with (bandwidth wavelength) with (ase gain) with nm)	US-PGPUB; USPAT	OR	ON	2005/04/23 16:47
S22 8	39	\$3soa and (broad\$2 with (bandwidth wavelength) with (ase gain))	US-PGPUB; USPAT	OR	ON	2005/04/23 17:12
S22 9	6	\$3soa and (broad\$2 with (bandwidth wavelength) with (ase))	US-PGPUB; USPAT	OR	ON	2005/04/23 17:14
S23 0	0	\$3soa and (source\$2 with low\$4power with bandwidth with nm)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:15
S23 1	0	soa and ((source\$2 light\$2) with low\$4power with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:16
S23 2	0	\$3soa and ((source\$2 light\$2) with low\$4power with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:16
S23 3	130	\$3soa and ((source\$2 light\$2) with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:33
S23 4	39	S233 and ase	US-PGPUB; USPAT	OR	ON	2005/04/23 17:20
S23 5	9	S234 and (spectral with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:17
S23 6	25	S234 and ("0.1" "100" "0.2" "200")	US-PGPUB; USPAT	OR	ON	2005/04/23 17:37

S23 7	5	S234 and (("0.1" "100" "0.2" "200") with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:22
S23 8	12	S234 and (("0.1" "100" "0.2" "200") with source)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:28
S23 9	35	S234 and (source with (bandwidth wavelength))	US-PGPUB; USPAT	OR	ON	2005/04/23 17:28
S24 0	6	S234 and (("0.1" "100" "0.2" "200") with (source with (bandwidth wavelength)))	US-PGPUB; USPAT	OR	ON	2005/04/23 17:29
S24 1	20	S233 and ((source\$2 light\$2) with low\$3 with power)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:35
S24 2	4	S233 and ((source\$2 light\$2) with low\$3 with power with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:35
S24 3	20	S241 and ((source\$2 light\$2) with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:36
S24 4	17	S243 and ("0.1" "100" "0.2" "200")	US-PGPUB; USPAT	OR	ON	2005/04/23 17:44
S24 5	10	S187 and pump	US-PGPUB; USPAT	OR	ON	2005/04/23 17:46
S24 6	1	S187 and ("200" with nm)	US-PGPUB; USPAT	OR	ON	2005/04/23 17:46
S24 7	1	soa and ase and (fwhm with (("100" "200") with nm))	US-PGPUB; USPAT	OR	ON	2005/04/23 17:48
S24 8	0	soa and ase and (fwhm with (("200") with nm))	US-PGPUB; USPAT	OR	ON	2005/04/23 17:48
S24 9	0	soa and ase and (fwhm with (("200") with nm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 17:48
S25 0	0	soa and ase and (source\$2 with low\$3 with power with ("200") with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 17:49
S25 1	1	soa and ase and (source\$2 with low\$3 with power with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 17:49
S25 2	4	soa and ase and (source\$2 with low\$3 with power with bandwidth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 17:50

S25 3	1	soa and ase and (source\$2 with power with bandwidth with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 17:51
S25 4	19	ase and (source\$2 with power with bandwidth with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 17:52
S25 5	1	ase and (source\$2 with power with bandwidth with nm with ("200"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 17:52
S25 6	4	ase and (source\$2 with power with bandwidth with nm with ("200" "300" "100" "400"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/23 17:53
S25 7	30	(US-20020067540-\$ or US-20020191904-\$ or US-20030007207-\$ or US-20030030895-\$ or US-20030053201-\$ or US-20030053511-\$ or US-20030072344-\$ or US-20030095736-\$ or US-20030095737-\$ or US-20030099033-\$ or US-20030223672-\$ or US-20040033004-\$ or US-20040067006-\$ or US-20040213574-\$ or US-20050013331-\$).did. or (US-5754714-\$ or US-6008675-\$ or US-6043929-\$ or US-6111674-\$ or US-6141477-\$ or US-6174748-\$ or US-6256328-\$ or US-6324326-\$ or US-6330378-\$ or US-6614819-\$ or US-6660990-\$ or US-6801686-\$ or US-6807215-\$ or US-6819845-\$ or US-6842587-\$).did.	US-PGPUB; USPAT	OR	ON	2005/04/25 10:44
S25 8	2	S257 and ("1.3" with "1.5")	US-PGPUB; USPAT	OR	ON	2005/04/25 10:46
S25 9	39	("1.3" with "1.5" with wavelength) and 385/14.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/25 11:17
S26 0	0	(wavewidth with nm with "200") and 385/14.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/25 10:48
S26 1	0	(wavewidth with nm with "200") and "385"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/25 10:48

S26 2	1	S259 and ase	US-PGPUB; USPAT	OR	ON	2005/04/25 11:58
S26 3	2	S257 and (ase with monitor\$5)	US-PGPUB; USPAT	OR	ON	2005/04/25 12:00
S26 4	0	S257 and (filter with pigtail)	US-PGPUB; USPAT	OR	ON	2005/04/25 12:00
S26 5	0	S257 and (filter with pig\$2tail)	US-PGPUB; USPAT	OR	ON	2005/04/25 12:01
S26 6	4	S257 and ( pig\$2tail)	US-PGPUB; USPAT	OR	ON	2005/04/25 12:04
S26 7	3	(filter with pigtail) and soa and "385"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/25 12:10
S26 8	5	(filter with pigtail) and soa	US-PGPUB; USPAT	OR	ON	2005/04/25 12:08
S26 9	19	( pigtail) and soa and "385"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/04/25 12:15
S27 0	14	S257 and (multi\$2mode)	US-PGPUB; USPAT	OR	ON	2005/04/25 12:31
S27 1	1	S257 and (gc\$2soa with monitor\$5)	US-PGPUB; USPAT	OR	ON	2005/04/25 12:34
S27 2	5	S257 and (tec)	US-PGPUB; USPAT	OR	ON	2005/04/25 14:50
S27 4	3	S272 and ((wavelength bandwidth) with ase)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:03
S27 5	8	S257 and fsr	US-PGPUB; USPAT	OR	ON	2005/04/25 15:36
S27 6	95	"385"/\$.ccls. and (fsr with nm)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:09
S27 7	8	"385"/\$.ccls. and (fsr with nm with "200")	US-PGPUB; USPAT	OR	ON	2005/04/25 15:09
S27 8	35	"385"/\$.ccls. and (spectral with (bandwidth wavelength) with "200")	US-PGPUB; USPAT	OR	ON	2005/04/25 15:34
S27 9	2	S278 and ase	US-PGPUB; USPAT	OR	ON	2005/04/25 15:17
S28 0	12	S278 and (fabry\$2perot)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:19
S28 1	1	"385"/\$.ccls. and ((spectral with (bandwidth wavelength) with "200") same fabry\$2perot)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:21
S28 2	3	"385"/\$.ccls. and (fwhm with "200" with nm)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:34
S28 3	3	S275 and (ase with bandwidth)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:48
S28 4	6	S257 and (waveguide with single\$2mode)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:51

S28 5	0	S257 and (soa with single\$2mode)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:52
S28 6	1	S257 and (gc\$2soa with single)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:56
S28 7	1	S257 and (gc\$2soa with multi)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:57
S28 8	3	S257 and (ase with multi)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:58
S28 9	28	S257 and (waveguide wih multi\$2mode)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:59
S29 0	8	S257 and (waveguide with multi\$2mode)	US-PGPUB; USPAT	OR	ON	2005/04/25 15:59
S29 1	33	(US-20020067540-\$ or US-20020191904-\$ or US-20030007207-\$ or US-20030030895-\$ or US-20030053201-\$ or US-20030053511-\$ or US-20030072344-\$ or US-20030095736-\$ or US-20030095737-\$ or US-20030099033-\$ or US-20030223672-\$ or US-20040033004-\$ or US-20040067006-\$ or US-20040213574-\$ or US-20040247275-\$ or US-20050013331-\$).did. or (US-5754714-\$ or US-6008675-\$ or US-6043929-\$ or US-6111674-\$ or US-6141477-\$ or US-6174748-\$ or US-6256328-\$ or US-6324326-\$ or US-6330378-\$ or US-6614819-\$ or US-6660990-\$ or US-6788834-\$ or US-6801686-\$ or US-6804281-\$ or US-6807215-\$ or US-6819845-\$ or US-6842587-\$).did.	US-PGPUB; USPAT	OR	ON	2005/05/02 08:02
S29 2	6	S291 and intermixing	US-PGPUB; USPAT	OR	ON	2005/05/02 06:48
S29 3	14	S291 and (single\$2mode)	US-PGPUB; USPAT	OR	ON	2005/05/02 06:52
S29 4	7	S293 and multi\$2mode	US-PGPUB; USPAT	OR	ON	2005/05/02 06:51
S29 5	2	S294 and pigtail	US-PGPUB; USPAT	OR	ON	2005/05/02 06:52
S29 6	15	S291 and multi\$2mode	US-PGPUB; USPAT	OR	ON	2005/05/02 08:01
S29 7	1	S291 and (multi\$2mode with pigtail)	US-PGPUB; USPAT	OR	ON	2005/05/02 08:02

S29 8	26	S291 and ase	US-PGPUB; USPAT	OR	ON	2005/05/02 08:03
S29 9	11	S291 and (ase with multi\$6)	US-PGPUB; USPAT	OR	ON	2005/05/02 08:11
S30 0	2	S291 and (pigtail with multi\$6)	US-PGPUB; USPAT	OR	ON	2005/05/02 08:12
S30 1	2	S291 and (longer with ase)	US-PGPUB; USPAT	OR	ON	2005/05/02 08:13
S30 2	13	S291 and ((wavelength wavewidth) with ase)	US-PGPUB; USPAT	OR	ON	2005/05/02 08:14